

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	((("6222596") or ("2001222023") or ("6614498") or ("6225968") or ("20050105010") or ("20050046774") or ("20040114089")).PN.	US-PGPUB; USPAT	OR	OFF	2009/12/13 14:24
L3	8	("4600274"   "6011532").PN. OR ("6614498").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/13 15:18
L4	4	("4731610"   "5184235"   "5272370"   "5576728").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/13 15:25
L5	319	349/51.ccls. and (@ad<"20041028" @rlad<"20041028")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 15:40
L6	9	("4731610"   "5117299"   "5142390"   "5576728").PN. OR ("6222596").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/13 16:04
L7	140	349/50.ccls. and (@ad<"20041028" @rlad<"20041028")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 16:27
L8	121	L7 not 15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 16:27
L9	18	("4393380"   "4485380"   "4583087"   "4626841"   "4641135"   "4709992"   "4715685"   "4728172"   "4745406"   "4748445"   "4794385"   "4810059"   "4811006"   "4836650").PN. OR ("4943802").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/13 16:38
L10	14	("3532813"   "3654606"   "4666252"   "4679909"   "4773737"   "4943802"   "4994769"   "5032830"   "5032831").PN. OR ("5353138").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/13 16:40

L11	66	349/52.ccls. and (@ad<"20041028" @rlad<"20041028")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 16:46
L12	37	L11 not 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 16:46
L13	37	12 not 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 16:46
L14	20	("4688896"   "4938567"   "5006106"   "5303074"   "5343216"   "5585951"   "5641974"   "5734450"   "5825438"   "5995178").PN. OR ("6191832").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/13 16:54
L15	0	"349"/\$.ccls. and (@ad<"20041028" @rlad<"20041028") and ((dual near3 diode) same (overlap\$5) same (electrode))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 18:25
L16	81	"349"/\$.ccls. and (@ad<"20041028" @rlad<"20041028") and ((MIM) same (overlap\$5) same (electrode))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 18:25
L17	51	16 not 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 18:25
L18	47	17 not 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 18:25

L19	42	18 not 11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 18:26
L20	61	("3840695"   "3873870"   "4326776"   "4490014"   "4593978"   "4600274").PN. OR ("5144288").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/13 18:31
L21	6	("5144288"   "5822026"   "5966189"   "6275274"   "6686985"   "7394513").PN. OR ("7605885").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/13 18:34
L31	2	((("6222596") or ("5400002")).PN.	US-PGPUB; USPAT	OR	OFF	2009/12/13 18:50
L34	2	((("6222596") or ("5490002")).PN.	US-PGPUB; USPAT	OR	OFF	2009/12/13 18:55
S31	1	10/577675	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/21 15:20
S32	1	("6614498").PN.	US-PGPUB; USPAT	OR	OFF	2009/11/21 15:26
S33	8	("4600274"   "6011532").PN. OR ("6614498").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/21 16:50
S34	5	((("6222596") or ("6225968") or ("20050105010") or ("20050046774") or ("20040114089")).PN.	US-PGPUB; USPAT	OR	OFF	2009/11/21 16:53
S35	1	10/577675	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 01:16
S36	319	349/51.cds. and (@ad<"20041028" @rlad<"20041028")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 03:31
S37	2	S36 and samsung.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 03:31

S38	5	("4728172"   "5893621"   "6243062"   "6593991"   "6914641").PN. OR ("7184108").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/13 03:35
S39	20	("4731610"   "5142390"   "5576728"   "5883686"   "5892493").PN. OR ("6243062").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/13 03:39
S40	11	("20040189885"   "5854616"   "5969782"   "6160600"   "6225968"   "6297867"   "6424399"   "6456350"   "6784966"   "6967637").PN. OR ("7460192").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/13 03:46
S41	2	349/50-52.ccls. and (@ad< "20041028" @rlad< "20041028") and ((hong near3 sung) (chai near3 chong) (shin near3 kyoung) (oh near3 joon) (kim near3 jin)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 03:48
S42	210	"349"/\$.ccls. and (@ad< "20041028" @rlad< "20041028") and ((hong near3 sung) (chai near3 chong) (shin near3 kyoung) (oh near3 joon) (kim near3 jin)).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 03:49
S43	17	S42 and (diode MIM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 03:49
S44	3	349/50-52.ccls. and (@ad< "20041028" @rlad< "20041028") and samsung.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 03:50
S45	108	"349"/\$.ccls. and (@ad< "20041028" @rlad< "20041028") and samsung.as. and (diode MIM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 03:51
S46	28	"349"/\$.ccls. and (@ad< "20041028" @rlad< "20041028") and samsung.as. and (diode MIM) and ((electrode data) same (overlap\$5) same (pixel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 03:52

S47	140	349/50.ccls. and (@ad<"20041028" @rlad<"20041028")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 03:57
S48	66	349/52.ccls. and (@ad<"20041028" @rlad<"20041028")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/13 03:57

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L22	0	((MIM diode) AND (data electrode) AND (overlap\$5) AND (pixel adj2 electrode) AND (protru\$5)).CLM. and (@ad<"20041028" @rlad<"20041028") and 349/50-52.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/13 18:42
L23	0	((MIM diode) AND (data electrode) AND (overlap\$5) AND (pixel electrode) AND (protru\$5)).CLM. and (@ad<"20041028" @rlad<"20041028") and 349/50-52.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/13 18:42
L24	1	((MIM diode) AND (data electrode) AND (overlap\$5) AND (pixel electrode) AND (protru\$5)).CLM. and 349/50-52.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/13 18:42
L25	5	((MIM diode) AND (data electrode) AND (overlap\$5) AND (pixel adj2 electrode)). CLM. and (@ad<"20041028" @rlad<"20041028") and 349/50-52.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/13 18:43
L26	0	((MIM diode) AND (data electrode) AND (overlap\$5) AND (pixel adj2 electrode) AND (protru\$5)).CLM. and (@ad<"20041028" @rlad<"20041028") and "349"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/13 18:44

L27	1	((MIM diode) AND (data electrode) AND (overlap\$5) AND (pixel adj2 electrode) AND (protru\$5)).CLM. and (@ad<"20041028" @rlad<"20041028")	US-PGPUB; USPAT	OR	ON	2009/12/13 18:44
L28	20	((MIM diode) AND (data electrode) AND (overlap\$5) AND (pixel adj2 electrode)). CLM. and (@ad<"20041028" @rlad<"20041028") and "349"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/13 18:45
L29	38	((MIM diode) AND (data electrode) AND (overlap\$5)). CLM. and (@ad<"20041028" @rlad<"20041028") and "349"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2009/12/13 18:48
L30	18	29 not 28	US-PGPUB; USPAT	OR	ON	2009/12/13 18:48

12/ 13/ 09 7:14:20 PM

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